

Title (en)
ROTATING ELECTRIC MACHINE

Title (de)
ROTIERENDE ELEKTRISCHE MASCHINE

Title (fr)
MACHINE ÉLECTRIQUE ROTATIVE

Publication
EP 3952068 B1 20240207 (EN)

Application
EP 20822188 A 20200519

Priority
• JP 2019107820 A 20190610
• JP 2020019800 W 20200519

Abstract (en)
[origin: EP3952068A1] A rotating electric machine (10) includes a stator (20) that includes a segment coil (30) formed of a plurality of conductor segments (31). Each of the conductor segments (31) includes a covered part (32) that includes a conductor (32a) and an insulating material (32b) covering the conductor (32a), and an exposed part (33) that includes an exposed conductor (33a) integral with the conductor (32a) of the covered part (32) and that constitutes an end portion of the conductor segment (31). The conductor (33a) of the exposed part (33) expands more than the conductor (32a) of the covered part (32) in an arrangement direction that is a direction in which the exposed parts (33) of the plurality of conductor segments (31) are arranged.

IPC 8 full level
H02K 3/04 (2006.01); **H02K 3/12** (2006.01); **H02K 15/00** (2006.01)

CPC (source: EP)
H02K 3/12 (2013.01); **H02K 15/0081** (2013.01)

Citation (examination)
WO 2018028856 A1 20180215 - BOSCH GMBH ROBERT [DE]

Designated contracting state (EPC)
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EP 3952068 A1 20220209; **EP 3952068 A4 20220601**; **EP 3952068 B1 20240207**; CN 113950788 A 20220118; CN 113950788 B 20230509; JP 2020202652 A 20201217; JP 6798583 B1 20201209; WO 2020250631 A1 20201217

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EP 20822188 A 20200519; CN 202080041712 A 20200519; JP 2019107820 A 20190610; JP 2020019800 W 20200519